

GAU 2661
PATENT
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#4



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re
Application No. 09/711,508
Khaled H. El-Maleh, et al.

) For: ENHANCED CONVERSION OF
) WIDEBAND SIGNALS TO
) NARROWBAND SIGNALS

Attorney Docket No. PA010047

Filed: January 24, 2001

) Group No. 2661

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.97(b)

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Assistant Commissioner of Patents
Washington, D.C. 20231

Dear Sir:

Applicants, through their attorney, submit herewith references of which they are aware, which they believe may be material to the examination of this application and with respect to which there may be a duty to disclose in accordance with 37 CFR § 1.56.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231, on:

04/20/01

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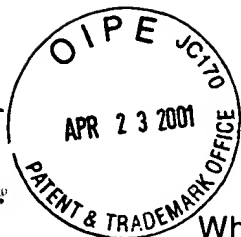
Carola Emelius-Swartz

(Name of the Person Making Deposit)

(Signature)

04/20/01

(Date of Signature)



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While the references identified herein may be material to the examination of this application pursuant to 37 CFR § 1.56, the citation of these references is not intended to constitute an admission that any reference referred to herein is prior art to the invention of this application unless specifically designated as such.

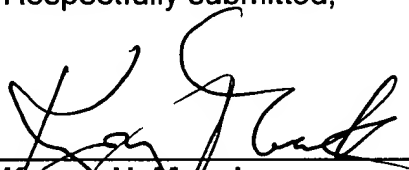
The filing of this document shall not be construed to mean that any search has been made or, that if made such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists.

A list of the references cited herein is set forth on Form PTO-1449 which is enclosed herewith in duplicate along with a copy of each cited reference. Applicants respectfully request that the Examiner return to Applicants the enclosed copy of the Form PTO-1449 indicating consideration of the references.

The subject application is believed patentable over any of the above-references.

Respectfully submitted,

Dated: 04/20/01

By: 
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Encl.: 1. Form PTO 1449
2. Copies of references cited on Form PTO-1449

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. PA010047	APPLICATION NO. 09/771,508
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) APR 23 2001 DATE MAILED: 04/20/2001		APPLICANT Khaled H. El-Maleh, et al.	
		FILING DATE 01/24/2001	GROUP 2661

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A1	4,901,307	02/13/1990	Gilhousen, et al.			
	A2	5,103,459	04/07/1992	Gilhousen, et al.			
	A3	5,414,796	05/09/1995	Jacobs, et al.			
	A4	5,956,673	09/21/1999	Weaver, Jr. et al.			
	A5	5,903,862	05/11/1999	Weaver, Jr. et al.			
	A6	5,844,899	12/01/1998	Daley, et al.			
	A7	5,915,235	06/22/1999	DeJaco, et al.			
	A8						
	A9						
	A10						

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	B1						
	B2						
	B3						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

	C1	ITU-T G.722 Standard: 7 kHz Audio-Coding within 64 kBit/s – General Aspects of Digital Transmission Systems; Terminal Equipments Study Group XV and XVIII. Melbourne, 1988. (pgs. 269-341)
	C2	
	C3	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	